

**SEARCH REQUEST FORM****Scientific and Technical Information Center**

Requester's Full Name: TESFALDET BOCURE Examiner #: 67293 Date: 8/7/01  
 Art Unit: 2631 Phone Number 301-4735 Serial Number: 091292 668  
 Mail Box and Bldg/Room Location: PK 2-3D14 Results Format Preferred (circle): PAPER DISK E-MAIL

**If more than one search is submitted, please prioritize searches in order of need.**

\*\*\*\*\*  
 Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: SYNCHRONOUS RESIDUAL TIME STAMP FOR TIMING RECOVERY IN A B. BAN  
 Inventors (please provide full names): PAUL E. FLEISCHER et al

Earliest Priority Filing Date: 11/08/95

*\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

Litigation Search

RE 36633

5260978

**STAFF USE ONLY**

Searcher: N. Coagell  
 Searcher Phone #: 6-2255  
 Searcher Location: 5102600  
 Date Searcher Picked Up: 8/8  
 Date Completed: 8/8  
 Searcher Prep & Review Time: 2  
 Clerical Prep Time: —  
 Online Time: 5

**Type of Search**

NA Sequence (#) \_\_\_\_\_  
 AA Sequence (#) \_\_\_\_\_  
 Structure (#) \_\_\_\_\_  
 Bibliographic \_\_\_\_\_  
 Litigation X  
 Fulltext \_\_\_\_\_  
 Patent Family \_\_\_\_\_  
 Other \_\_\_\_\_

**Vendors and cost where applicable**

STN \_\_\_\_\_  
 Dialog X  
 Questel/Orbit X  
 Dr.Link \_\_\_\_\_  
 Lexis/Nexis X  
 Sequence Systems \_\_\_\_\_  
 WWW/Internet \_\_\_\_\_  
 Other (specify) \_\_\_\_\_

1/9/1

DIALOG(R)File 345:Inpadoc/Fam.& Legal Stat  
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11467195

Basic Patent (No,Kind,Date): US 5260978 A 19931109 <No. of Patents: 002>

PATENT FAMILY:

UNITED STATES OF AMERICA (US)

Patent (No,Kind,Date): US 5260978 A 19931109

SYNCHRONOUS RESIDUAL TIME STAMP FOR TIMING RECOVERY IN A BROADBAND  
NETWORK (English)

Patent Assignee: BELL COMMUNICATIONS RES (US)

Author (Inventor): FLEISCHER PAUL E (US); LAU CHI-LEUNG (US)

Priority (No,Kind,Date): US 969592 A 19921030

Applic (No,Kind,Date): US 969592 A 19921030

National Class: \* 375106000; 375111000; 375113000

IPC: \* H04L-007/00

Derwent WPI Acc No: ; G 93-368188

Language of Document: English

Patent (No,Kind,Date): US RE36633 E 20000328

SYNCHRONOUS RESIDUAL TIME STAMP FOR TIMING RECOVERY IN A BROADBAND  
NETWORK (English)

Patent Assignee: TELCORDIA TECH INC (US)

Author (Inventor): FLEISCHER PAUL E (US); LAU CHI-LEUNG (US)

Priority (No,Kind,Date): US 555196 A 19951108; US 969592 A5  
19921030

Applic (No,Kind,Date): US 555196 A 19951108

Addnl Info: 5260978 19931109 Reissue of

National Class: \* 375354000; 375362000; 375364000; 370509000;  
370394000; 370516000

IPC: \* H04L-007/00

Derwent WPI Acc No: \* G 93-368188

Language of Document: English

UNITED STATES OF AMERICA (US)

Legal Status (No,Type,Date,Code,Text):

US 36633 E 19921030 US AA PRIORITY

US 969592 A5 19921030

US 36633 E 19951108 US AE APPLICATION DATA (PATENT)  
(APPL. DATA (PATENT))

US 555196 A 19951108

US 36633 E 20000328 US E REISSUE

US 5260978 P 19921030 US AE APPLICATION DATA (PATENT)  
(APPL. DATA (PATENT))

US 969592 A 19921030

US 5260978 P 19921030 US AS02 ASSIGNMENT OF ASSIGNOR'S  
INTEREST

BELL COMMUNICATIONS RESEARCH, INC. LCC 2E-304  
290 WEST MT. PLEASANT AVENUE LIVIN ;  
FLEISCHER, PAUL E. : 19921030; LAU, CHI-LEUNG  
: 19921030

US 5260978 P 19931109 US A PATENT

US 5260978 P 19960611 US RF REISSUE APPLICATION FILED  
(REISSUE APPL. FILED)

951108

<=2> GET 1st DRAWING SHEET OF 3

Nov. 9, 1993

Synchronous residual time stamp for timing recovery in a  
broadband network

REISSUE: This Patent was reissued on Mar. 28, 2000 as Reissue Patent Re 36,633.

Reissue Application filed Nov. 8, 1995 (O.G. Jun. 11, 1996) Ex. Gp.: 2611;  
Re. S.N. 08/555,196

CORE TERMS: clock, network, cycles, node, pulse, frequency, counter,  
destination, timing, cell...

Your search request has found no CASES.

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What you enter will be Search Level 1.

For further explanation, press the H key (for HELP) and then the ENTER key.

1/4 LGST (1/1) - (C) LEGSTAT  
PN - US 5260978 [US5260978]  
AP - US 969592/92 19921030 [1992US-0969592]  
DT - US-P  
ACT - 19921030 US/AE-A  
APPLICATION DATA (PATENT)  
{US 969592/92 19921030 [1992US-0969592]}  
- 19921030 US/AS02  
ASSIGNMENT OF ASSIGNOR'S INTEREST  
BELL COMMUNICATIONS RESEARCH, INC. LCC 2E-304 290 WEST MT. PLEASANT  
AVENUE LIVIN \* FLEISCHER, PAUL E. : 19921030; LAU, CHI-LEUNG :  
19921030  
- 19931109 US/A  
PATENT  
- 19960611 US/RF  
REISSUE APPLICATION FILED  
951108  
UP - 1999-15

2/4 CRXX (1/1) - (C) CLAIMS/RRX  
AN - 2416072  
PN - 5,260,978 A 19931109 [US5260978]  
PA - Bell Communications Research Inc  
PT - E (Electrical)  
ACT - 19951108 REISSUE REQUESTED  
ISSUE DATE OF O.G.: 19970611  
REISSUE REQUEST NUMBER: 08/555196  
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2611  
Reissue Patent Number: USRE36633

- 19991004 REASSIGNED  
CHANGE OF NAME

Assignor: BELL COMMUNICATIONS RESEARCH, INC. DATE SIGNED: 03/16/1999

Assignee: TELCORDIA TECHNOLOGIES, INC. ROOM 1G112R 445 SOUTH STREET  
MORRISTOWN, NEW JERSEY 07960

Reel 010263/Frame 0311

Contact: TELCORDIA TECHNOLOGIES, INC. JOSEPH GIORDANO, ESQ. 445 SOUTH  
STREET ROOM 1G112R MORRISTOWN, NJ 07960

UP - 1999-00  
URAS- 2001-03-20

3/4 PAST (1/2) - (C) PAST  
AN - 200013-001157  
PN - 5260978 A [US5260978]  
DT - A (UTILITY)  
OG - 2000-03-28  
CO - RE  
ACT - REISSUE PATENT  
SH - REISSUE PATENT  
RL - USRE36633

4/4 PAST (2/2) - (C) PAST  
AN - 199624-001155  
PN - 5260978 A [US5260978]  
DT - A (UTILITY)  
OG - 1996-06-11  
CO - REA  
ACT - REISSUE APPLICATION FILED  
SH - REISSUE APPLICATION FILED



1/9/1

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(APPL. DATA (PATENT))

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US 36633 E 20000328 US E REISSUE

US 5260978 P 19921030 US AE APPLICATION DATA (PATENT)

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: 19921030

US 5260978 P 19931109 US A PATENT

US 5260978 P 19960611 US RF REISSUE APPLICATION FILED

(REISSUE APPL. FILED)

951108

LEVEL 1 OF 1 PATENT

RE 36,633

**XIS-NEXIS**  
Library: PATENT  
File: ALL

<=2> GET 1st DRAWING SHEET OF 3

Mar. 28, 2000

Synchronous residual time stamp for timing recovery in a  
broadband network

CORE TERMS: network, node, cycle, destination, frequency, pulse, timing,  
counter, source-node, clock...

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To enter a new search request, type it and press the ENTER key.

What you enter will be Search Level 1.

For further explanation, press the H key (for HELP) and then the ENTER key.

RE36633 OR RE36,633

**LEXIS-NEXIS**  
**Library: NEWS**  
**File: CURNWS**

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To enter a new search request, type it and press the ENTER key.

What you enter will be Search Level 1.

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1/2 LGST (1/1) - (C) LEGSTAT  
PN - US 36633 [USRE0036633]  
AP - US 555196/95 19951108 [1995US-0555196]  
DT - US-E  
ACT - 19951108 US/AE-A  
APPLICATION DATA (PATENT)  
{US 555196/95 19951108 [1995US-0555196]}  
- 20000328 US/E [+]  
REISSUE  
UP - 2000-17

2/2 PAST (1/1) - (C) PAST  
AN - 200013-001157  
PN - 5260978 A [US5260978]  
DT - A (UTILITY)  
OG - 2000-03-28  
CO - RE  
ACT - REISSUE PATENT  
SH - REISSUE PATENT  
RL - USRE36633